

**To:** Terry Turner[Terry.Turner@Kinross.com]; Richardson, Lisa[lrichard@blm.gov]; Wall, Dan[wall.dan@epa.gov]  
**Cc:** Brent Lewis (Brent\_Lewis@blm.gov)[Brent\_Lewis@blm.gov]; Larry Perino[Larry.Perino@kinross.com]; Kevin Roach[Kevin.Roach@Kinross.com]; Linda Schmoll[Linda.Schmoll@Kinross.com]; Brian Hansen[bhansen@formationenv.com]; Pat Maley[Pat.Maley@Kinross.com]  
**From:** Nat Beal  
**Sent:** Fri 5/8/2015 6:32:51 PM  
**Subject:** RE: Splits Next week  
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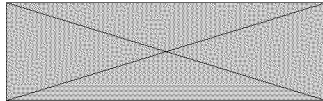
All,

We have ordered 5 pre-washed collapsible cubic containers to composite samples for the splits. This will cover the 10% split frequency for the planned samples. The number of opportunistic samples have yet to be determined, as discussed previously, but we are prepared to take up to 15 in the field. So there could be a total of up to 48 samples collected (33 primary and 15 opportunistic). Please let me know if you have any questions moving forward. Thanks.

Best Regards,

Nat Beal, P.G.

Senior Hydrogeologist



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**From:** Terry Turner [mailto:Terry.Turner@Kinross.com]  
**Sent:** Friday, May 8, 2015 12:07 PM  
**To:** Richardson, Lisa; Wall, Dan  
**Cc:** Brent Lewis (Brent\_Lewis@blm.gov); Larry Perino; Kevin Roach; Linda Schmoll; Brian Hansen; Nat Beal; Pat Maley  
**Subject:** RE: Splits Next week

Hi Lisa,

Attached is a figure illustrating the sample locations, a table of the surface water sample locations and a table of the Target Analytes.

We will devise a method for containing an adequate volume for the splits and bring additional cubitainers. It is our understanding that the BLM will have their own sample bottles for the EPA splits.

Our plan is to start at 7 am on Wednesday with a short safety meeting and then proceed immediately to the field to ensure we get everything accomplished in one day for the synoptic sampling. You are welcome to join us for breakfast at Maddie and Maude's restaurant before we begin.

Please let me know if you have any questions.

Best regards,

Terry

**From:** Terry Turner  
**Sent:** Friday, May 08, 2015 12:21 PM  
**To:** 'Richardson, Lisa'; Wall, Dan  
**Cc:** Brent Lewis (Brent\_Lewis@blm.gov); Larry Perino; Kevin Roach; Linda Schmoll;

bhansen@formationenv.com; Nat Beal; Pat Maley

**Subject:** RE: Splits Next week

Hi Lisa,

I'll send you a map illustrating the High Flow sample locations. We plan to sample 33 locations on Wednesday followed by some additional opportunistic samples during Thursday. Opportunistic samples collected on Thursday will include a sample from the Howardsville gaging station and other potential samples as warranted based on additional field data collected on Wednesday.

As a follow-up, can you confirm how many splits the BLM plans to take? The dip sampler has a 1000 mL volume, which is sufficient for one set of sample bottles. Therefore, we will need to collect two grab samples with the dipper and composite them in the field for adequate volume for the splits. We can composite the grab samples in a dedicated pre-washed cubic plastic container but we need to know how many of these containers to bring with us. Or do you plan to provide the cubitainers for the EPA splits?

Thanks.

Terry

**From:** Richardson, Lisa [<mailto:lrichard@blm.gov>]

**Sent:** Friday, May 08, 2015 9:53 AM

**To:** Terry Turner; Wall, Dan

**Cc:** Brent Lewis ([Brent\\_Lewis@blm.gov](mailto:Brent_Lewis@blm.gov)); Larry Perino; Kevin Roach; Linda Schmoll;

[bhansen@formationenv.com](mailto:bhansen@formationenv.com); Nat Beal; Pat Maley

**Subject:** Re: Splits Next week

Good morning, Terry and Dan.

I'll look forward to sampling next week. I wonder if you could send me a map of your sample sites so that I can be prepared with gear (especially for Eureka Gulch). Also, Dan, are there specific sites that you would like the splits from?

I am supposed to go to Lake City on Thursday, May 14. I can cancel if necessary but I wonder if you two think it realistic to get all of the splits on Wednesday?

Terry, my personal cell is (970)769-5363. This is the best way to reach me.

Thank you.

Lisa

On Thursday, May 7, 2015, Terry Turner <[Terry.Turner@kinross.com](mailto:Terry.Turner@kinross.com)> wrote:

Hi Lisa,

It was a pleasure meeting you at the recent ARSG meeting. I will be assisting with the sampling next week and will be the on-site lead for Sunnyside. We plan to arrive in Silverton the evening of May 12th and perform the sampling May 13<sup>th</sup> ; and if needed complete sampling May 14<sup>th</sup>. I will be staying at the Bent Elbow Hotel in Silverton.

My cell phone number is 803.804.8745.

If you prefer, you can also send me your cell phone number to ensure we make contact. I still need to verify what time we plan to start sampling on (May 13<sup>th</sup>) Wednesday Morning, but it will likely be quite early to accomplish the extensive sampling.

We look forward to working together with you on this activity.

Best regards,

Terry

**From:** Pat Maley  
**Sent:** Thursday, May 07, 2015 2:53 PM  
**To:** Wall, Dan  
**Cc:** Schmittiel, Paula; Brent Lewis ([Brent\\_Lewis@blm.gov](mailto:Brent_Lewis@blm.gov)); Lisa Richardson ([Lrichard@blm.gov](mailto:Lrichard@blm.gov)); Fagen, Elizabeth; Way, Steven; Larry Perino; Kevin Roach; Terry Turner; Linda Schmoll; [bhansen@formationenv.com](mailto:bhansen@formationenv.com); Nat Beal  
**Subject:** RE: Splits Next week

Thanks Dan,

Terry Turner will be SGC's on site lead next week.

Terry, please contact Lisa ASAP.

I'm fine with the split method.

Pat

**From:** Wall, Dan [<mailto:wall.dan@epa.gov>]  
**Sent:** Thursday, May 7, 2015 10:31 AM  
**To:** Pat Maley  
**Cc:** Schmittiel, Paula; Brent Lewis ([Brent\\_Lewis@blm.gov](mailto:Brent_Lewis@blm.gov)); Lisa Richardson ([Lrichard@blm.gov](mailto:Lrichard@blm.gov)); Fagen, Elizabeth; Way, Steven  
**Subject:** Splits Next week

Hi Pat

Lisa is able to collect splits for EPA next week. Below is her contact info.

She has supplies (acid and bottles) Please work directly with her to arrange logistics if you don't mind. She is local in Silverton so letting her know your schedule would likely suffice.

We had discussed briefly, the method for obtaining splits. I believe both you and I were ok with collecting sufficient sample in a cubitainer, swirling by hand and pouring aliquots out from there. If you would like something more, or different please let me know.

Thanks

Dan

303-312-6560

*Lisa Richardson*

*Abandoned Mine Lands (AML) Program*

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*Silverton CO 81433*

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